

## A B S T R A C T

An image pickup device such as CCD of a camera is substituted for a photo detector of infrared light emitted from an infrared remote control unit. When  
5 infrared light is detected based on an image signal output from the image pickup device, a transmitting position of infrared light in the object is detected. The camera executes such operations that transmitting positions detected are set as a focus detecting range  
10 in focus control, an exposure detecting range in exposure control, and a color evaluation range in white balance control.